

Method of Programmed Physiological Measurements
and Experience of Its Use on the "Vostokh"
Spaceship, by R. M. Bayevskiy and D. G.
Marksimov, 20 pp.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol. IV, No. 5, 1966, pp. 768-780.
JPRS 40075

USSR
Sci-Space Tech
Mar 67

321,005

The results of Experiments Investigating
Plasma in Circular Space with the aid
of charged Particle Traps on the First
Artificial Lunar Satellite, by G. I. Grigorov.
Kosmos, per, Kosmos Issues, Vol IV,
No 6, 1966, pp 351-370.
NASA TT 1-10,737

Sci - Space Tech
May 67

524,165

Perturbations of AES Orbits From Tesseral
Harmonics of Gravitational Potential Expansion,
by A. M. Zhandarov, 7 pp.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol V, No 1, 1967, pp 3-7.
Sci & Tech Infor Facility
ST-CH-10571

Sci - Space Tech
May 67

324,235

Yu. P. Kopnin

On the Equations Describing the Orbital Plane
Rotation.

RUSSIAN, per, Kosmicheskie Issledovaniya,

Vol 5, No 1, 1967, pp 32-36

NTC 72-12739-22A

Sci & Tech Infor Facility

ST-CIM-10575

Sci- space tech
sept 72

324, 234

Determination of Artificial Earth Satellite
Orientation With the Aid of Plane Ion Traps,
by V. N. Borovenko.
RUSSIAN, per, Kosmich. Issled. Vol 5, No 1, 1967
pp 58-65.
CIA X-6242

Sci/Space Technology
May 67
FOR OFFICIAL USE ONLY

322,574

On the Influence of Corpuscular Fluxes and
of Electron Photocrossing Reaction on the
Formation of the D-Layer of the Ionosphere,
by Yu. A. Bragin, O. K. Kostko, et al.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol V, No 1, 1967, pp 99-100.
CIA FILE X-6176

FOR OFFICIAL USE ONLY
Sci-Atmospheric Sci
Apr 67 323,029

Genetic Studies in Space, by G. P. Parfenov.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
No 1, 1967, pp 140-155.
*NASA TT F-11,251

Sci-B&M
Aug 67

On the Motion of a Charged Particle in the
Unidimensional Model of Magnetosphere's
Transitional Layer, by M. V. Samokhin.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol V, No 1, 1967, pp 157-159.
CIA FDD X-6177

FOR OFFICIAL USE ONLY
Earth Sci
Apr 67

323,028

Cosmic Research in Genetics, by
G. P. Parfenov, 29 pp.
RUSSIAN, per, Kosmicheskie Issledovaniia,
Vol V, No 2, 1967, pp 140-155.
Dept of Navy NAVMEDSCOL No 1293

Sci/L&N
Oct 68

366,834

Nomogram for the Determination of the Lifetime
of an Artificial Earth's Satellite, by
Yu. S. Vlasov, 6 pp.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol V, No 2, 1967, pp 200-204.
Sci Tech Infor Facility
ST-CM-AI-10601

Sci - Space Tech
May 67

326,984

Yu. L. Kokurin

On the Possibility of Refining by Means of
Optical Location. Some Astronomical Parameters
of the System Earth-Moon.

RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 5,
No 2, 1967, pp 219-224,
NTC 72-12740-03B

sept 72

On the Possibility of Recording the "Gamma Shine"
of the High-Altitude Thermonuclear Burst of 9
July 1962 by the Riometer Stations in Alaska
and Western Samoa, by S. I. Kozlov.

RUSSIAN, per, Kosmicheskie Issledovaniya, Vol V,
No 2, 1967, pp. 225-230.

APL/HU T-2026

Dept of Navy

Sci/Nucl Sci and Tech

Sep 67

340,465

Ionospheric Waveguide Ducts for Long-Range Radio
Communication Below the Maximum of the F₂ Layer,
by V. A. Danilin. 13 pp.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 5,
No 2, 1967, pp 231-239.
AIR/PTD/ATT-23-483-68

sci/navigation
apr 69

377,969

On the Role of Corpuscular Radiation in the
Formation of Lower Ionosphere, by

V. F. Tulinov, 6 pp.

RUSSIAN, per, Kosmicheskiye Issled., Vol V,
No 2, 1967, pp 240-244.

Sci & Techn Infor Facility

ST-AI-PF-10598

Dept of Navy 14 APR 1968 12012
" " " " J-1048

Sci - Atmospheric Sci

May 67

324,228

Solar Wind Observations With the Aid of
the Interplanetary Station V E N E R A - 3,
by K. I. Gringauz, V. V. Bezrukikh, 9 pp.
RUSSIAN, per, Kosmicheskoye issledovaniya,
Vol V, No 2, 1967, pp 251-258.
Sci Tech Infor Facility
ST-PF-10597

Sci - Atmospheric Sci
May 67

324,241

Image and Spectrum of the Sun in the
Region 9.5 - 200 Å, by I. A. Zhitnik,
V. V. Krutov, 7 pp.
RUSSIAN, per, Kosmich Issled., Vol V,
No 2, 1967, pp 276-279.
Sci Tech Infor Facility
ST-SP-10599

Sci - Astron & Astrophysics
May 67

324,247

Investigation of Koslov Designed for the
Measurement of Ultraviolet Radiation in the
Upper Atmosphere and in Outer Space, by
V. T. Tsyb, V. G. Kurt.
RUSSIAN, per, Kosmicheskiya Issled. Vol 5,
No 2, 1967, pp 280-284.
Sci Tech Info Facility
ST-INS-AI-10646

Sci-Electr
Sept 67

340, 1062

Comparison of Certain Results of Simultaneous
Measurements of Solar Wind Characteristics on
Spacecrafts "Venera-3" and "Pioneer-6",
by K. I. Gringauz, V. V. Bezrukikh, 5 pp.
RUSSIAN, per, Kosmich Issled, Vol V, No 2,
1967, pp 310-311.
Sci Tech Infor Facility
ST-PF-10600

Sci - Space Tech
May 67

324,246

Direct Measurements of Daytime and Nighttime
Profiles of Charged Particle Concentration
Below 80 KM, by Yu. A. Bragin.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 5, No 3, 1967, pp 78-79. P910323267
Sci Tech Info Facility
ST-PF-AI-10648

Sci-Nucl Sci
Oct 67

41 542,355

Minimum Time for an Earth-Mars-Earth Flight
with an Unregulated Low-Thrust Engine, by R.
F. Avramchenko, V. M. Bezmenov, 14 pp.
RUSSIAN, per, Kosmicheskoye Issledovaniya.
Vol. V, No 3, 1967, pp 339-347.
JPRS 42928

Sci-Space Tech
Oct 67

343,548

Determination of the Fragmentation Parameters
of the Anti-Charge Component of Primary Cosmic
Rays, by Yu. F. Gagarin, N. S. Ivanova.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol
5, No 3, 1967, pp 450-455. P910383767
Sci Tech Info Facility
ST-CR-NP-10656

Sci-Nucl Sci
Dec 67

341,217

Dust Content in the Upper Atmosphere of the
Earth, by N. B. Divari.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 5, May-Jun 1967, pp 475-477.
NASA TT F-11,316

Sci-Atmos Sci
Jan 68

348,657

Considerations on the Return Trajectories from
the Moon to the Earth, by V. A. Yegorov.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol. 5, No 4, 1967, pp 483-493. P910061968-V
Sci Tech Info Facility
ST-CM-AD-10673

Sci/Space Tech
AIR

356,569

Passive Satellite Stabilization by the Geomagnetic
Field, by A. A. Khentov.
RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 5,
No 4, 1967, pp 540-553.
Dept of Navy/ APL/JHU T-2080

Sci/Astron
Feb 68

349,563

The Effect of the Earth's Magnetic and Gravitational Fields on the Oscillations of a Satellite Around its Center of Mass, by A. A. Khentov.
RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 5, No 4, 1967, pp 554-572.
Dept of Navy/ APL/JHU T-2081

Sci/Astron
Feb 68

349,564

Extra-atmospheric measurements of the Ultra-
violet and X-ray backgrounds and their role
in the study of intergalactic gas, by

V. G. KURT, A. A. Lytalayev.

RUSSIA, for, Kosmicheskoye issledovaniya, Vol.
No 4, 1967, p. 573-592.

Sci Tech Info Facility

DT-IC-6.4-1966

Sci-Auci Sci

Feb 68

\$50,411

A Method of Investigating Radio-Wave Propagation
in an Inhomogeneous Magnetoactive Ionosphere, by
N. N. Kazantsev, D. S. Lukin, et al. 12 pp.
RUSSIAN, per, Radiotekhnika i Elektronika, Vol 5,
No 4, 1967, pp 593-600.
AIR/ITD/AR-23-432-68

sci/physics
air 69

376,575

A Method of Calculating the Refraction of Radio-
waves and Refraction Errors in Determining
Satellite Trajectories, by A. N. Kasantsev &
D. S. Lukin.
RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 5,
No 4, 1967, pp 601-607.
Dept of Navy/ APL/JHU T-2082

Sci/Space Tech
Feb 68

349,566

Test on the Operation of a Molecular Oscillator
of an Artificial Earth Satellite, by N. G. Masov.
RUSSIAN, per. Kosmicheskie Issledovaniya, Vol 5,
No 4, 1967, pp 608-616.
Dept of Navy/ APL/JHU 1-2070

Sci/Phys
Feb 68

349,553

Ten Years of Space Research in the USSR, by
H. K. Tikhonravov & B. V. Raushenbakh.
RUSSIAN, per, Moscow, Kosmicheskiye Issledovaniya.
Vol V, No 5, 1967, pp 643-679.
*FTD-HT-23-233-66C

Sci/Space Tech
Mar 68

Space Communication Systems and Information
Transmission, by Yu.K. Khodarev, 9 pp.
RUSSIAN, journal, Kosmicheskiye Issledovaniya,
Vol. 5, No. 5, Moscow 67, pp. 680-685.
JPRS 44,461

Sci-Space Technology
Feb 68

351,679

Results of Computations of Radiowave Refraction
in a Horizontally-Inhomogeneous Troposphere and
Ionosphere, by A. N. Nazantsev.
RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 5,
No 5, 1967, pp 766-771.
Dept of Navy/APL/JHU T-2095

Sci/Nav
Mar 68

350,988

Interpretation of the Initial Riometer Observations
on Wake Island at the Time of the High-Altitude
Burst of 9 July 1962, by S. I. Konlov.
RUSSIAN, per, Kosmicheskie Issledovaniya, Vol. 5,
No 5, 1967, pp 782-791.
Dept of Navy/APL/JHU T-2108

Sci/Atmos Sci
Mar 68

351,000

Spectrometry of Soft X-radiation by Using a
Geiger Counter, by L. P. Tindo.
RUSSIAN, per, Kossich. Issled., Vol 5, No 5,
1967, pp 796-797.
CIA X-6520

Sci-Phys
Mar 68

350,455

Estimates of the Upper Limit of Ion Temperature
in the 7000-50000 km Altitude Range according
to measurements aboard Alt "Electron-2", by
V. V. Seznukikh, T. K. Greus.
RUSFIM, per, Kosmicheskiye Issledovaniya, Vol
5, No 5, 1967, pp 738-739.
Sci Tech Info Facility
ST-PR-IV-10664

Sci-Tech-Space Tech
Feb 68

550,409

Registration of Electrons with Energies Higher
than 30 KeV in the Near-Lunar Space, by

A. L. Grigorov & V. I. Iutsenko.

RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 5,
No 6, 1967, pp 891-896. P910099783-V

Sci Tech Info Facility

ST-PR-143-10883

Sci/ Tech Sci

Apr 68

351, 521

Observations of Scattered L α -Emission in
the Vicinity of the Earth and in the Inter-
planetary Medium, by V. G. Kurt, 12 pp.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 5, No 6, 1967, pp 911-920. P910058563
Sci & Tech Info Facility
ST-OA-SP-10069

Sci-Astron
Mar 68

350,744

Optimum Control During Entry Into Atmosphere,
by D. Ye. Okhotsinskiy, G. I. Bel'dchanskiy, et al
31 pp.

RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 6, No 1, 1968, pp 31-48.

NIP/PTD/J-24-372-68

sci/space tech
may 69

380,153

Algorithms for Determining the Parameters of the
Motion of Artificial Earth Satellites by Using
Cylindrical Coordinates, by V. G. Khoroshavtsev,
V. D. Yastrebov.

RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 6,
No 1, 1968, pp 71-76.

Dept of Navy APL/JHU T-2139

Sci/Math
Sep 68

363,245

X-Radiation of the Moon and Roentgen Cosmic
Background According to Data of AMS "Luna-12".
by S. L. Mandel'shtam, I. P. Tindo.
RUSSIAN, per. Kosmicheskiye Issledovaniya, Vol
6, No 1, 1968, pp 119-127. P910125168-V
Sci Tech Info Facility
ST-LPS-RAD-10639

CIA X-6592

Sci-Astron & Astrophys
May 68

356,228

Polar Magnetic Disturbances and Intrusion of
Charged Particles into the Ionosphere, by
R. G. Afonina, Ya. I. Pal'dshteyn.
RUSSIAN, per. Kosmicheskiye Issledovaniya, Vol.
6, No 1, 1968, pp 15-152. P91012538-V
Sci Tech Info Facility
ST-GM-PF-10691

Sci-Astron & Astrophys
May 68

356,233

Magnetic Field in the Tail of the Magnetosphere
and Its Dimensions, by G. V. Starkov,

Ya. I. Feldshteyn.

RUSSIAN, per. Kosmicheskoye Issledovaniya,
Vol 6, No 1, 1968, pp 153-154. P910125468..V
Sci Tech Info Facility
ST-GM-PF-10692

Sci-Astron & Astrophys
May 68

356.230

Variations of the Magnetic Field at High Latitudes and Structure of the Geomagnetic Field in the Magnetosphere, by Ya. I. Fel'dshteyn and A. N. Zaytsev.

RUSSIAN, per. Kosmicheskiye Issledovaniya, Vol. 6, No 1, 1968, pp 155-157. P910125568-V

Sci Tech Info Facility

ST-64-10693

Sci-Ear Sci

May 68

356,232

Equipment of the Automatic Station "Luna-10"
For the Investigation of the Gamma Radiation
of Lunar Rock, by B. G. Yegiazarov.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 6, No 2, 1968, pp 265-272.
NASA TT F-11,895

Sci
Dec 68

371,178

Some Results on Measuring the Radio Emission
Intensity at a 1.68 MHz Frequency from Data on
the "Cosmos-142", by V. N. Tyukin.
RUSSIAN, per, Kosmicheskaya Issled, Vol 6, No 2,
1968, pp 313-315.
CIA X-6702

Aug 68

357,517

Numerical Method of Computing the Doppler
Effect and Reduced Differential Doppler Fre-
quency of Radiowaves Emitted Coherently From
a Satellite, by D. S. Lukin, V. A. Shkolnikov.
RUSSIAN, per, Kosmicheskie Issledovaniya,
Vol 6, No 3, 1968, pp 389-394.
Dept of Navy API/JIU T-2183

Sci/Nav
Nov 68

368,533

Concentration of Hydrogen in the Upper Atmosphere of
the Earth in the 300-600 KM Altitude Range According
to Ionospheric Data, by M. N. Fatkullin.

RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 7,
No 3, 1968, pp 407-410. P910296968-V

Sci Tech Info Facility

ST-AM-AI-10763

Sci-Atmos Sci

Nov 68

354,061

Plasma Measurements Conducted in the Vicinity of
Venus on the Spacecraft "Venera-4", by N. I.
Gringauz, V. V. Izrael.

RUSSIAN, Per, Kosmicheskiya Issledovaniya, Vol 6,
No 3, 1968, pp 411-419. T910233068-V

Sci Tech Info Facility

ST-DB-P-10734

Sci-Astron & Astrophys
Sept 68

366,397

Preliminary Results of Solar X-Ray Researches with
the "Cosmos-166", by L. N. Vasil'yev.
RUSSIAN, per, Kosmich Issled, Vol 6, No 3, 1968,
pp. 420-431.
CLA X-6735

NTC 67-11610-22A

Sept 68

367,069

Determining Safe Doses of Radiation in
Planning Space Flights, by B. I. Davydov,
V. V. Antipov.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 6, No 3, 1968, pp 450-470.
FTD-S-438 /S-67

Mar 69

378,063

On the Selection of Optimal Measurement Parameters,
by Yu. S. Tumashev.
RUSSIAN, per, Kosmich Issled., Vol 6, No 4, 1968,
pp 494-501.
CIA X-6785

NOTED 11/21/68

NOV 68

353,544

Rotation of a Satellite in the Orbit Plane by
Utilizing a Flywheel System, by Yu. A. Sadev.
RUSSIAN, per, Kosmich Issled, Vol 6, No 4, 1966,
pp 515-523.
CIA X-6791

NTC 69-11522-22A

Nov 68

353,538

Oval of Aurorae Borealis and the Ring
Current in the Earth's Magnetosphere,
by A. D. Shevin, Ya. I. Fel'dshteyn.
RUSSIAN, per, Kosmicheskiye Issled. Vol.
6, No 4, 1968, pp 598-603.
NAS/GSFC/ST-PF-GM-10745-68
P910267768-V
Available CFSTI

Sci-Astron
June 69

384,109

On the Longitudinal Electric Field in the
Magnetosphere at Quasimaxwellian Distri-
bution of Charged Particles, by
N. V. Samokhin.
RUSSIAN, per, Kosmicheskiye Issled., Vol 6,
No 4, 1968, pp 604-610.
NAS/GSFC/ST-PF-CR-10752
P910267368-V
Available CFSTI

Sci-Phys
June 69

384,103

Certain Peculiarities in the Distribution
of Plasma Concentration and of the Field
of Alfvén Waves in the Earth's Magnetosphere,
by Yu. A. Kopytenko,
O. M. Raspopov.
RUSSIAN, per, Kosmicheskiye Issled., Vol 6,
No 2, 1968, pp 612-616.
NAS/CSFC/ST-PF-GM-10747-68
P910268168-V
Available CFSTI

Sci-Phys

The Use of the Earth as a Selenographic Link
for Lunar Pictures Obtained from Outer Space,
by V. V. Shevchenko.

RUSSIAN, per, Kosmich Issled, Vol 6, No 3,
1968, pp 924-932.

NASA TT F-12,340

Sci-Astron
Sept 69

391,551

On the Nature of Steady Short-Period
Oscillations of the Earth's Magnetic
Field, (Pc3 and Pc4), by
Yu. A. Kopytenko, O. M. Raspopov.
RUSSIAN, per, Kosmicheskiye Issled.
Vol 6, No 4, 1968, pp 617-623.
NAS/GSFC/ST-GM-PF-10750-68
P910267268-V
Available CFSTI

Sci-Phys
June 69

384,108

V. E. Ivanova

Estimate of the Possibility of Conducting Mass-
Spectrometric Measurements of the Matter of
Lunar Surface.

RUSSIAN, per, Kosmicheskie Issledovaniya,
Vol 6, No 4, 1968, pp 624-630
NTC 72-12758-03B

sept 72

On the Diffuse X-ray Background of Outer Space. II.
by I. A. Vainshtein, R. A. Syuniayov.
RUSSIAN, per, Kosmicheskaya Issled, Vol 6, No 4,
1968, pp 635-637.
CIA X-6792

NOT FOR RELEASE

Nov 68

355,537

Currents of Quasitrapped Particles and
Their Interaction with the Geomagnetic
Field, by V. D. Pletnev, G. A. Troshichev.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 6, No 5, 1968, pp 707-710.
NAS/GSFC/ST-PF-GM-10788 ?

Sci-Astron
May 69

382,604

The Possibility of a Unique Experimental
Determination of the Faraday Angle of Rotation
of the Polarization Plane of Radio Signals
Emitted by Space Objects, by N. N. Minervin.
RUSSIAN, per, Kosmicheskiya Issledovaniya,
Vol 6, No 5, 1968, pp 720-725.
*AFCL

Sci/Nav
Feb 69

Measurement of Scattered L_{α} - Emission of
the Sun in the Upper Atmosphere of the
Earth from 1000 to 3500 KM, by
Ye. K. Sheffer.

RUSSIAN, per, Kosmicheskaya Issledovaniya,
Vol 6, No 5, 1968, pp 735-737.

NAS/GSFC/ST-AI-SP-10768

Sci-Atmos Sci
May 69

382,607

Estimates of the Lower Boundary and Thickness of the Cloud Layer on Venus, by
A. M. Obukhov, G. S. Golitsyn.
RUSSIAN, per, Kosmicheskiye Issled., Vol 6,
No 5, 1968, pp 759-764.
CIA X-6858

APPROVED FOR RELEASE

Jan 69

373,269

Planet Flyby Trajectories with a Return
to Earth, by V. R. Ye. Dauze.
RUSSIAN, per, Kosnich Issled, Vol 8,
No 6, 1968, pp 803-811.
CIA X-6998

NAS/SEC/ST-ADD-CM-10753

May 69

382,288

On the Analysis of Impulses for Satellite
Rendezvous in a Central Newtonian Gravitat-
ional Field, by Yu. A. Yermilov.
RUSSIAN, per, Kosmich Issled, Vol 6, No 6,
1968, pp 840-846.
CIA X-6978

Apr 69

379,962

Space Vehicle Rendezvous for a Constant
Direction of the Relative range Vector,
by G. V. Samoilovich.
RUSSIAN, per, Kosmich Issled, Vol 6,
No 6, 1968, pp 847-854.
CIA X-7011

May 69

382,301

On the Fibrous Structure of Currents in
the Magnetosphere, by V. M. Mishin,
I. A. Zhulin.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 6, No 6, 1968, pp 863-868.
NAS/GSFC/ST-PF-GN-10808

Sci-Astron
May 69

382,614

Dimensions of the Magnetosphere Tail's
Cross Section at Various Intensities of
Polar Disturbances, by A. D. Shevnin,
Ya. I. Fel'dshteyn.
RUSSIAN, per, Kosmich Issled, Vol 6,
No 6, 1968, pp 870-876.
NAS/GSPC/ST-PF-GM-10792-69

Sci-Atmos Sci
May 69

382,597

Measurement of the Radiation Effects of
the American High-Altitude Thermonuclear
Explosion "Sea Star" on the "Cosmos-6",
by Yu. G. Shafer.
RUSSIAN, per, Kosmich Issled, Vol 6, No 6,
1968, pp 877-886.
CIA X-7010
JPRS 47,897 14 pp

May 69

382,300

Measurement of Proton and Neutron Spectra
on "Cosmos" Series Satellites, by
V. Ye. Dudkin, Ye. Ye. Kovalev.
RUSSIAN, per, Kosmich Issled., Vol 6, No 6,
1968, pp 887-891.
CIA X-6980

APPROVED FOR RELEASE

Apr 69

379,964

On the Possible Injection of Charged
Particles into the Zone of Trapped
Radiation During the Main Phase of a
Magnetic Storm, by V. P. Shalimov.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 6, No 6, 1968, pp 941-943.
NAS.GSFC.ST-PF-GM-10805

Sci-Astron
May 69

382,613

Infrared Radiation of the Upper Atmosphere,
by V. I. Krasovskiy.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 6, No 6, 1968, pp 943-946.
NAS/GSFC/ST-AI-ACH-10807-69

X-121

Sci-Atmos Sci
June 69

383,180

Investigation of Optimum Rendezvous
Modes of Space Vehicles, by
Yu. G. Sikharulidze.
RUSSIAN, per, Kosmich Issled, Vol 7,
No 1, 1969, pp 35-41.
CIA X-6999

May 69

582,289

Periodic Motions of a Satellite with
a Magnetic Damper in a Circular Orbit
Plane, by Yu. A. Sadov.

RUSSIAN, per, Kosmich Issled, Vol 7,
No 1, 1969, pp 51-60.

CIA X-7004

may 69

382,294

Results of Radar Location of Planets by
O. N. Rzhiga.
RUSSIAN, per, Kosmicheskiye issledovaniya,
Vol 7, NO 1, 1969, pp 84-91.
Sci & Tech Info Facility
ST-LPS-RA-10817

Sci-Astron
Apr 69

379,978

Currents of Quasi-Trapped Particles Having
Discontinuities on the Day and Night Sides
of the Earth, by V. D. Pletnov,

O. A. Troshichev.

RUSSIAN, Kosmicheskiye Issledovaniya, Vol
7, No 1, 1969, pp 103-108.

CIA X-6922

NASA Sci & Tech Info Facility

ST-PF-GM-10813

NAS-5-12487

Mar 69

377,248

E. Ya. Gidalevich

On the Nature of the Interplanetary Gas.
RUSSIAN, per, Kosmicheskie Issledovaniya,
Vol 7, No 1, 1969, pp 117-121
NTC 72-12741-04A

Sci & Tech Info Facility
ST- IS- GO- 10815

Sci - Astron
sept '72

379, 979

Contribution of Corpuscular Radiation to
the Ionization of Ionosphere's D-Layer,
by V. F. Tulinov, S. G. Yakovlev.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 7, No 1, 1969, pp 122-126.
Sci & Tech Info Facility
ST-AI-PF-10828

Sci-Phys
May 69

382,313

Flux of Low Energy Protons in the Neighbor-
hood of the Moon on 13 December 1966, by
N. L. Grigorov, V. G. Kurt.
RUSSIAN, per, Kosmicheskiye Issled, Vol 7,
No 1, 1969, pp 137-142.
CIA X-6971

Apr 69

379,955

Calculation of Spectral Distribution of
X-Radiation Absorbed in the Earth's
Atmosphere, by S. I. Kozlov, A. V. Kudimov.
RUSSIAN, per, Kosmichekiye Issled, Vol 7,
No 1, 1969, pp 143-149.
CIA X-6970

Apr 69

379,954

Dynamics of Automatic Stations' Descent
in Planetary Atmospheres as Means of
Measurement Data Control, by A. M. Dbukhov.
G. S. Golitsyn.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 7, No 1, 1969, pp 150-155.
NAS/GSFC/ST-PA-GD-10833-69
Available from CFSTI
NTC 70-10506-04A

Sci-Space Tech
June 69

384,534

Apropos the Paper by V. I. Krasovskiy
"On Infrared Radiation of the Upper
Atmosphere", by M. N. Markov.
RUSSIAN, per, Kosmich Issled, Vol 7,
No 1, 1969, pp 157-159.
CIA X-7017

May 69

382,307

The Control of Motion During Entry into the
Atmosphere, by D. Ye. Okhotsimskiy, et al. 10 pp
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 7,
No 2, 1969, pp 171-178.
X-7213

sci/space tech
apr 70

404,540

Venus Atmosphere Model According to the Results
of Direct Temperature and Density Measurements,
by V. V. Mikhnevich, V. A. Sokolov.

RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 7, No 2, 1969, pp 220-232.

NTC-69-15764-03B

Sci-Astron
Feb 70

402,967

Greenhouse Effect in the Atmosphere of
Venus, by G. M. Strelkov,
N. F. Kukharskaya.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 7, No 2, 1969, pp 247-257.
NAS/GSFC/ST-PA-HT-10835-69
Available from CFSTI

Sci-Astron
Juno 69

384,535

Results of Measuring Fast Charged Particles
on the "Cosmos-137", by S. N. Vernov.

RUSSIAN, per, Kosmicheskiye Isled, Vol 7,
No 2, 1969, pp 277-278.

CIA X-7071

Aug 69

389,412

Systematic Errors of a Horizon Sensor Due to
the Nonsphericity of the Planet, by I. G. Iofie,
10 pp.

RUSSIAN, per, Kosmich Issled., Vol 7, No 2,
1969, pp 285-290.

NASA TT F-12,574

Sci-Nav
Nov 69

397,353

Boundary of Trapped Electrons with $E \geq 280$
keV and Disposition of Current Electro-
jets in the Ionosphere, by R. G. Afonina,
Ya. I. Fel'dshteyn.

RUSSIAN, per, Kosmicheskkiye Issledovaniya,
Vol 7, No 2, 1969, pp 312-314.

Sci & Tech Info Facility

ST-PF-GM-AI-10832

Sci-Astron

May 69

382,315

Optimum Landing of a Spacecraft on the Moon,
by V. K. Isayev, B. Kh. Davidson.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 7,
No 3, 1969, pp 368-373.
NAS/GSFC/ST-GC-IS-10857-A-69
AvailableCFSTI

Sci-Spac Tech
Sept 69

392,838

Optimum Spacecraft Lift-off from the Moon's
Surface, by V. K. Isayev, B. Kh. Davidson.
RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 7, No 3, 1969, pp 374-376.
NAS/GSFC/ST-CM-LS-10858-69
Available CFSTI

Sci-Space Tech
Sept 69

392,838

On Light Refraction in the Atmosphere of Venus,
by M. M. Skotnikov.

RUSSIAN, per, Kosmicheskiye Issledovaniya,
Vol 7, No 3, 1969, pp 436-440.

GSFC/ST-PA-QA-10855

Available CFBTI

Sci-Astron

Sept 69

391,661